ABSTRACT

An exemplary method for intelligently caching application or data on a mobile device comprises the steps of receiving a request to execute or access a set of files, the set of files including an application or data, downloading the set of files from a remote server or a gateway if the set of files is not pre-loaded or cached, calculating a cache benefit index for the set of files, determining available free space in a local file system, caching the set of files in the local file system in accordance with the cache benefit index, saving corresponding meta information in a database, recording the request in the database, and returning the location of the requested application in the local file system.

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